Utah BLM GIS Data Standards Documentation **date: March 24, 2000** (corrected 08/01/2000)

Thematic Layer : ARCS IN ALL ARC and POLYGON LAYERS

Data Category: All arcs for arc and polygon coverages

Layer Name: Not Applicable

Cover Name: not applicable

Description: This data standard identifies the standard items and attribute values to be included in the .aat for all Utah BLM GIS coverages that contain arc and/or polygon features. A core data dictionary is included for each of the standard fields.

Purpose: The purpose of this data standard is to document the sources of line and polygon features for all arc and polygon coverages in the Utah BLM Corporate GIS Library. This will facilitate the updates of data when more accurate data becomes available and will also provide query ability to identify the source features used to compile boundary information.

Source: Various data sets.

Data Feature Type: arc and/or polygon

Historical Record Needed: no

Scale: (for data compilation/acquisition) Generally 1:24,000, but could be used at other scales

Standard Arc Attributes (cont'd - 03/24/00 - page 2 (corrected 08/01/2000)**)**

Attributes:	**item**	**item definition**	**I/O width**	**type**
lines:	DEF_FEATURE	source feature	30/30	C
	COORD_SOURCE	source of defining feature	20/20	C
	S_ORG	source organization	10/10	C
	S_SCALE	source scale	3/3	I
	S_DATE	date taken from source	8/8	D
	E_DATE	edit date	8/8	D
	INT_FEATURE	when actual feature is not available on source data	30/30	C
	COMMENTS	textual information	30/30	C

Attributing Examples:

DEF_FEATURE: (source feature)

ROADS
RAILROAD
WATER_BODIES
STREAMS
LANDLINE
FREELINE (ADDED LINE FOR CLOSURE OF POLYGON, ETC.)
CONTOUR
CHAINING
POWERLINE
STOCK_POND
CAMPSITE
IMPACT_AREA (CUMULATIVE IMPACT AREAS)

Standard Arc Attributes (cont'd - 03/24/00 - page 3 (corrected 08/01/2000)**)**
Attributing Examples:

DEF_FEATURE: (source feature)

(Other values used by BLM California)
AQUEDUCT
ARB_EXT
CANAL_ROW
EDGE_OF_WASH
LEVEE
MINERAL_SURVEY
PIPELINE
PIPELINE_ROW
RIDGE
RIM_OF_CANYON
TOE_OF_SLOPE

COORD_SOURCE: (source of defining feature - cover name)

TRRDS = ROADS
TRRRDS = RAILROADS
HDWBO = WATER_BODIES
HDWCO = STREAMS
UTELE = POWERLINES
UTPIP = PIPELINES
AGR_GCDB = LANDLINE
GCDB = LANDLINE (UTSO)
SD = FREELINE OR WHICHEVER FEATURE APPLIES
SD_DRG = (MAP UNITS = METERS, MAP SCALE = 12,000)
SD_DOQ = SCREEN DIGITIZED FROM DOQQ
TD = (USE WHICHEVER FEATURE APPLIES)
DEM = CONTOUR

Standard Arc Attributes (cont'd - 03/24/00 - page 4 (corrected 08/01/2000)**)**
Attributing Examples:

S_ORG : BLM, NPS, NPS_CR, NPS_GC, USGS, UT_AGRC

S_SCALE: 24, 100

S_DATE: Use standard date format (YYYYMMDD)

E_DATE: Use standard date format (YYYYMMDD). The information in this field will tie the respective edit session/project to the metadata. When updating the "Process_Step" entry in the metadata file, use this attribute value to populate the respective "Process_Date" field.

INT_FEATURE

ROADS
RAILROAD
WATER_BODIES
STREAMS
LANDLINE
FREELINE (ADDED LINE FOR CLOSURE OF POLYGON, ETC.)
CONTOUR
CHAINING
POWERLINE
STOCK_POND
CAMPSITE
IMPACT_AREA (CUMULATIVE IMPACT AREAS)

COMMENTS: Free text field

Lookup Tables: none

Related Database(s): None. See the BLM Wilderness and Wilderness Study Area data standard on the NARSC website for more information:

(http://www.blm.gov/gis/narsc/apps.html)

Coincident Data Layers: Roads, topographic features, land status, PLSS, hydrology,contours, and others